

## EAST SEARCH

11/6/2006

| L#  | Hits  | Search String  | Databases                                   |
|-----|-------|--|---|
| S1  | 3     | 4,909,127.pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S2  | 3     | 4,975,262.pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S3  | 3     | 4,936,862.pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S4  | 3     | 5,023,800.pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S5  | 3     | 5,351,196.pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S6  | 3     | 5,397,365.pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S7  | 3     | 5,581,489.pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S8  | 3     | 5,487,012.pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S9  | 3     | 5,594,651.pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S10 | 3     | 5,634,214.pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S11 | 3     | 5,683,243.pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S12 | 3     | 5,796,617.pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S13 | 3     | 5,822,206.pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S14 | 2     | 6,015,289.pn.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S15 | 489   | finite elements  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S16 | 831   | geometric model  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S17 | 15290 | material properties  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S18 | 77    | finite elements and "material properties"  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S19 | 75    | transversely isotropic   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S20 | 0     | ("finite elements" and "material properties") and "transversely isotropic"           | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S21 | 0     | finite elements and "transversely isotropic"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S22 | 6     | material properties and "transversely isotropic"                                     | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S23 | 12    | ("finite elements" and "material properties") and isotropic                          | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S24 | 8     | material property matrix   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S25 | 2     | structural fibres same laminated   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S26 | 1673  | biological cells   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S27 | 0     | biological cells and "bio-active materials"  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S28 | 3348  | fibres same laminated  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S29 | 2206  | fibres with laminated  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S30 | 137   | matrix same (fibres with laminated)  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S31 | 60430 | composite material   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S32 | 102   | structural fibres  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S33 | 0     | ((matrix same (fibres with laminated)) and "composite material") and "structural fib | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S34 | 34    | (matrix same (fibres with laminated)) and "composite material"                       | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S35 | 5     | biologic material same matrix  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |

|     |      |   |   |
|-----|------|---|---|
| S36 | 145  | biologic material   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S37 | 2    | biological cells and "biologic material"  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S38 | 52   | biological cells same matrix  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S39 | 2    | bio-active materials same matrix  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S40 | 6    | bio-active materials and "composite material"                                     | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S41 | 4    | crushed bone same matrix  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S42 | 0    | composite material and "crushed bone"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S43 | 0    | biologic material and "crushed bone"  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S44 | 0    | structural fibres and "crushed bone"  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S45 | 34   | co-factors same matrix  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S46 | 4215 | bone same matrix  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S47 | 232  | composite material and ("bone" same matrix)                                       | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S48 | 87   | medications same matrix   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S49 | 3    | composite material and (medications same matrix)                                  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S50 | 651  | antibiotics same matrix   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S51 | 42   | composite material and (antibiotics same matrix)                                  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S52 | 98   | radioactive materials same matrix   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S53 | 19   | ("finite elements" and "material properties") and symmetry                        | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S54 | 15   | material properties with symmetry   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S55 | 1    | composite material and "biologic material"  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S56 | 0    | finite elements and "biologic material"   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S57 | 11   | material properties and "biologic material"                                       | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S58 | 97   | crushed bone  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S59 | 57   | bio-active materials  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S60 | 0    | plurality of values   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S61 | 7    | material property coefficients  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S62 | 6    | material property matrix same "material property coefficients"                    | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S63 | 2    | 5,594,651.pn.   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S64 | 0    | 5,594,651.pn. and symmetry  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S65 | 2    | 6,263,252.pn.   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S66 | 0    | 6,263,252.pn. and symmetry  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S67 | 186  | biologic material   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S68 | 7    | biologic material same matrix   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S69 | 17   | material properties with symmetry   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S70 | 3    | ("material properties" with symmetry) and "finite elements"                       | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S71 | 3044 | finite element with (technique\$1 or method\$1)                                   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S72 | 295  | ("finite element" with (technique\$1 or method\$1)) and "material properties"     | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S73 | 56   | ("finite element" with (technique\$1 or method\$1)) and "material properties"     | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S74 | 1971 | finite element technique or "finite element method"                               | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S75 | 130  | ("finite element technique" or "finite element method") and "material properties" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S76 | 15   | ("finite element technique" or "finite element method") and "material properties" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S77 | 326  | 700/97.ccls.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S78 | 155  | 700/98.ccls.  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |



|      |      |   |   |
|------|------|---|---|
| S120 | 2    | S116 and (impuriti\$3)                                  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S121 | 5    | S118 and S119   | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S122 | 2439 | (composite near2 material\$1) with (resin near2 matrix) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S123 | 7    | S122 and (impuriti\$3 with (resin near2 matrix))        | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |
| S124 | 4    | S123 and (impuriti\$3 with control\$3)                  | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB |

09/643982 St. Ville

## EAST SEARCH

11/6/2006

### Results of search set L35:(matrix same (fibres with laminated)) and "composite material"

| Document          | Title   | Source   | Issue Date | Current OR |
|-------------------|---|----------|------------|------------|
| US 20030141504 A1 | Semiconductor device and manufacturing method thereof                                 | 20030731 | 48         | 257/66     |
| US 20030138701 A1 | BATTERY SEPARATOR AND MANUFACTURING METHOD THEREOF, AND ALI                           | 20030724 | 29         | 429/250    |
| US 20030132523 A1 | Wiring line and manufacture process thereof and semiconductor device and manu         | 20030717 | 52         | 257/758    |
| US 20030129790 A1 | Light emitting apparatus and method for manufacturing the same                        | 20030710 | 52         | 438/149    |
| US 20030121577 A1 | Steel plate to be precipitating tinfor welded structures,method for manufacturing th  | 20030703 | 21         | 148/653    |
| US 20030106623 A1 | Steel plate to be precipitating tinfor welded structures, method for manufacturing ti | 20030612 | 23         | 148/653    |
| US 20030099512 A1 | Pavement marking composition comprising ceramic fibers                                | 20030529 | 10         | 404/12     |
| US 20030096208 A1 | Web dryer with fully integrated regenerative heat source and control thereof          | 20030522 | 25         | 432/73     |
| US 20030087096 A1 | Carbon film coated member   | 20030508 | 20         | 428/408    |
| US 20030077886 A1 | Semiconductor layer doping method, thin-film semiconductor device manufacturin        | 20030424 | 11         | 438/535    |
| US 20030077518 A1 | Electrolytes having improved low temperature performance                              | 20030424 | 19         | 429/331    |
| US 20030077057 A1 | Optical fiber and optical transmission system including the same                      | 20030424 | 31         | 385/123    |
| US 20030071309 A1 | Electro-optical apparatus, driving substrate for an electro-optical apparatus and m   | 20030417 | 78         | 257/350    |
| US 20030068248 A1 | Cold work steel alloy for the manufacture of parts by powder metallurgy               | 20030410 | 9          | 420/10     |
| US 20030059332 A1 | Method of producing ceramic matrix composite, and ceramic matrix composite pro        | 20030327 | 17         | 419/13     |
| US 20030053733 A1 | Optical grating fabrication   | 20030320 | 22         | 385/10     |
| US 20030035917 A1 | Image making medium   | 20030220 | 305        | 428/67     |
| US 20020155317 A1 | Phosphor thin film, preparation method, and EL panel                                  | 20021024 | 11         | 428/690    |
| US 20020153078 A1 | Multi-Layer steel cable for tire carcass  | 20021024 | 16         | 152/537    |
| US 20020151121 A1 | Laser irradiation apparatus   | 20021017 | 43         | 438/166    |
| US 20020121860 A1 | Light emitting device and method of manufacturing the same                            | 20020905 | 70         | 313/506    |
| US 20020117239 A1 | Ferritic stainless steel sheet having good workability and manufacturing method th    | 20020829 | 13         | 148/607    |
| US 20020098417 A1 | Electrolytes having improved stability  | 20020725 | 16         | 429/339    |
| US 20020094180 A1 | Optical fiber and preform, method of manufacturing same, and optical component        | 20020718 | 13         | 385/123    |
| US 20020092198 A1 | Web dryer with fully integrated regenerative heat source and control thereof          | 20020718 | 25         | 34/444     |
| US 20020056842 A1 | Light emitting device   | 20020516 | 24         | 257/79     |
| US 20020056837 A1 | Electro-optic device, drive substrate for electro-optic device and method of manuf    | 20020516 | 109        | 257/57     |
| US 20020047825 A1 | Semiconductor device and manufacturing method thereof                                 | 20020425 | 40         | 345/99     |

|                   |   |             |               |
|-------------------|---|-------------|---------------|
| US 20020039688 A1 | LACTONE SOLVENTS FOR ELECTROCHEMICAL CELLS  | 20020404 16 | 429/326       |
| US 20020012511 A1 | Optical fiber and optical transmission system including the same  | 20020131 31 | 385/123       |
| US 20020009651 A1 | ELECTROLYTES HAVING IMPROVED LOW TEMPERATURE PERFORMANCE  | 20020124 19 | 429/331       |
| US 20010031119 A1 | Optical fiber and optical transmission system including the same  | 20011018 31 | 385/123       |
| US 20010029089 A1 | Beam homogenizer, laser irradiation apparatus, laser irradiation method, and method for manufacturing device and manufacturing method thereof   | 20011011 42 | 438/479       |
| US 6570552 B2     | Method for manufacturing porous structure and method for forming pattern  | 20030527 37 | 345/98        |
| US 6565763 B1     | Wiring line and manufacture process thereof, and semiconductor device and manufacturing method thereof  | 20030520    | 59 216/56     |
| US 6545359 B1     | Electro-optic device, drive substrate for electro-optic device and method of manufacturing the same   | 20030408    | 49 257/758    |
| US 6521525 B2     | Method for manufacturing TFT-integrated color filter using photocatalysis, color filter   | 20030218    | 104 438/637   |
| US 6500589 B1     | Inhibition of crystallization in transdermal devices  | 20021231    | 19 430/7      |
| US 6465005 B1     | Electrolytes having improved low temperature performance  | 20021015    | 14 424/449    |
| US 6444370 B1     | Electro-optical device and method for driving the same  | 20020903    | 18 429/332    |
| US 6437367 B1     | Optical fiber and optical transmission system including the same  | 20020820    | 45 257/59     |
| US 6415089 B2     | Electrolytes having improved stability comprising an N,N-dialkylamide additive  | 20020702    | 29 385/123    |
| US 6395431 B1     | Active matrix device, and display apparatus   | 20020528    | 14 429/326    |
| US 6375766 B1     | Nickel-base alloy and article manufactured thereof  | 20020521    | 30 345/85     |
| US 6372558 B1     | Electrooptic device, driving substrate for electrooptic device, and method of manufacturing the same  | 20020423    | 6 148/427     |
| US 6328866 B1     | Ion sensor and ion sensor plate   | 20020416    | 99 438/149    |
| US 6270727 B1     | Analytical crucible   | 20011211    | 27 204/416    |
| US 6266467 B1     | Optical fiber and optical transmission system including the same  | 20010807    | 6 422/102     |
| US 6246524 B1     | Beam homogenizer, laser irradiation apparatus, laser irradiation method, and method of adjusting the threshold voltage in an SOI CMOS   | 20010724    | 30 385/123    |
| US 6197624 B1     | Semiconductor device and manufacturing method thereof   | 20010612    | 40 359/619    |
| US 6160268 A      | p-type semiconductor, method for manufacturing the p-type semiconductor, semiconductor valve  | 20010306    | 38 438/158    |
| US 6153895 A      | Foreign matter detecting system   | 20001212    | 34 257/57     |
| US 6107582 A      | Methods of preparing cathode active materials for lithium secondary battery   | 20001128    | 14 257/101    |
| US 6081324 A      | Carbon heater   | 20000822    | 22 200/266    |
| US 6043468 A      | Thermally stable, highly conductive salt  | 20000627    | 17 356/237.1  |
| US 6015639 A      | Resin composition and fibrous material forming mold   | 20000606    | 33 423/594.4  |
| US 6013714 A      | Porous ceramic filter, method of manufacturing the same, ceramic filter manufacturing process for manufacturing semiconductor, apparatus for manufacturing semiconductor laser-pumped laser system for intracavity laser spectroscopy (ILS)   | 20000328    | 219/544       |
| US 5989420 A      | Method for production of fiber  | 20000118    | 12 429/307    |
| US 5976398 A      | Analytical depth monitor utilizing differential interferometric analysis  | 20000111    | 524/492       |
| US 5917188 A      | Large sized quartz glass tube, large scale quartz glass preform, process for manufacturing the same, ceramic filter manufacturing process for manufacturing semiconductor, apparatus for manufacturing semiconductor laser-pumped laser system for intracavity laser spectroscopy (ILS) | 19991123    | 210/222       |
| US 5911944 A      | Pyrolysis and hydrolysis of mixed polymer waste comprising polyethyleneterephthalate  | 19991102    | 20 252/62.3GA |
| US 5872629 A      | Polyhydroxy fatty acid amide surfactants in percarbonate bleach-containing composition  | 19990629    | 250/339.13    |
| US 5837334 A      | Semiconductor integrated circuit device and method of manufacturing the same  | 19990615    | 264/622       |
| US 5821553 A      | High strength aluminum alloy for forming fin and method of manufacturing the same   | 19990216    | 11 356/487    |
| US 5700771 A      |   | 19981117    | 16 428/34.4   |
| US 5610420 A      |   | 19981013    | 252/182.12    |
| US 5554234 A      |   | 19971223    | 25 510/315    |
|                   |   | 19970311    | 29 257/315    |
|                   |   | 19960910    | 148/551       |

|               |   |          |            |
|---------------|---|----------|------------|
| US 5539027 A  | Advanced polymer/wood composite structural member                                       | 19960723 | 524/13     |
| US 5508934 A  | Multi-point semiconductor wafer fabrication process temperature control system          | 19960416 | 700/121    |
| US 5491040 A  | Dual purpose lithium salt for electrochemical cells                                     | 19960213 | 9 429/307  |
| US 5486553 A  | Advanced polymer/wood composite structural member                                       | 19960123 | 524/13     |
| US 5464602 A  | Sequential pyrolysis of plastic to recover polystyrene HCL and terephthalic acid        | 19951107 | 423/488    |
| US 5464583 A  | Method for manufacturing whisker preforms and composites                                | 19951107 | 4 264/647  |
| US 5454982 A  | Detergent composition containing polyhydroxy fatty acid amide and alkyl ester sul       | 19951003 | 25 510/350 |
| US 5445987 A  | Method of manufacturing a nonvolatile memory including a memory cell having a fl        | 19950829 | 29 438/257 |
| US 5411820 A  | Solid, glyme-containing electrolytes including ion salt derivatives and electrolytic c  | 19950502 | 14 429/307 |
| US 5386070 A  | Pyrolysis of polystyrene - polyphenylene oxide to recover styrene and useful prod       | 19950131 | 585/241    |
| US 5359099 A  | Controlled catalytic and thermal sequential pyrolysis and hydrolysis of mixed poly      | 19941025 | 549/429    |
| US 5359061 A  | Controlled catalytic and thermal sequential pyrolysis and hydrolysis of polymer wa      | 19941025 | 540/540    |
| US 5346518 A  | Vapor drain system  | 19940913 | 96/126     |
| US 5332528 A  | Polyhydroxy fatty acid amides in soil release agent-containing detergent compositi      | 19940726 | 26 510/299 |
| US 5321174 A  | Controlled catalytic and thermal sequential pyrolysis and hydrolysis of polycarbor      | 19940614 | 585/241    |
| US 5317656 A  | Fiber optic network for multi-point emissivity-compensated semiconductor wafer p        | 19940531 | 385/12     |
| US 5300704 A  | Controlled catalytic and thermal sequential pyrolysis and hydrolysis of mixed poly      | 19940405 | 568/806    |
| US 5283089 A  | Non-porous diffusion furnace components   | 19940201 | 7 428/34.4 |
| US 5279868 A  | Method of preparing ultrafine particle dispersion material                              | 19940118 | 9 427/586  |
| US 5255286 A  | Multi-point pyrometry with real-time surface emissivity compensation                    | 19931019 | 374/121    |
| US 5216149 A  | Controlled catalytic and thermal sequential pyrolysis and hydrolysis of mixed poly      | 19930601 | 540/538    |
| US 5158643 A  | Method for manufacturing zinc oxide whiskers  | 19921027 | 117/87     |
| US 5156461 A  | Multi-point pyrometry with real-time surface emissivity compensation                    | 19921020 | 374/121    |
| US 5037624 A  | Composition, apparatus, and process, for sorption of gaseous compounds of grou          | 19910806 | 423/210    |
| US 4998879 A  | High purity diffusion furnace components  | 19910312 | 6 432/253  |
| US 4842359 A  | Optical star coupler and method of manufacturing the same                               | 19890627 | 385/46     |
| US 4828613 A  | Powdery raw material for manufacturing anodes of fuel cells                             | 19890509 | 5 420/460  |
| US 4732749 A  | Method of manufacturing longer fibers of potassium titanate                             | 19880322 | 423/598    |
| US 4729777 A  | Method and apparatus for manufacturing preform for fluoride glass fiber                 | 19880308 | 8 65/388   |
| US 4726643 A  | Optical star coupler and method for manufacturing the same                              | 19880223 | 385/46     |
| US 4524138 A  | Substantially pore-free sintered polycrystalline articles of .alpha.-silicon carbide, b | 19850618 | 501/90     |
| US 4184101 A  | Compact fluorescent lamp having a partitioned envelope                                  | 19800115 | 313/485    |
| US 4156147 A  | Neutron absorbing article   | 19790522 | 250/515.1  |
| US 4070311 A  | Flameproof material or conglomerate   | 19780124 | 7 521/106  |
| US 3973828 A  | Optical wave guide  | 19760810 | 9 385/125  |
| JP 59003037 A | APPARATUS FOR MANUFACTURING GLASS ROD AS BASE MATERIAL FOR C                            | 19840109 |            |

Interference checked

09/643982

St. Ville

## EAST SEARCH

11/6/2006

| L# | Hits | Search String                                | Databases |
|----|------|--|-----------|
| L1 | 1053 | finite element with model                    | US-PGPUB  |
| L2 | 59   | 1 and (potential with field)                 | US-PGPUB  |
| L3 | 2    | 1 and ("material property" with coefficient) | US-PGPUB  |
| L4 | 81   | 1 and ("composite material")                 | US-PGPUB  |
| L5 | 1    | 4 and (fiber.CLM.)                           | US-PGPUB  |
| L6 | 31   | 4 and (fiber.CLM.)                           | US-PGPUB  |
| L7 | 0    | 6 and (impurity.CLM.)                        | US-PGPUB  |
| L8 | 0    | 4 and (impurity.CLM.)                        | US-PGPUB  |
| L9 | 0    | 4 and ("volume increments".CLM.)             | US-PGPUB  |

09/643982

St. Ville

## EAST SEARCH

11/6/2006

### Results of search set L6:4 and (fiber.CLM.)

| Document          | Document II Title  | Source   | Issue Date | Current OR |
|-------------------|--|----------|------------|------------|
| US 20060141232 A1 | Lightweight, rigid composite structures  | 20060629 | 17         | 428/292.1  |
| US 20060128501 A1 | Composite metal wood club  | 20060615 |            | 473/345    |
| US 20060081772 A1 | Embeddable polarimetric fiber optic sensor and method for monitoring of structures | 20060420 |            | 250/227.14 |
| US 20060070338 A1 | Shape modification and reinforcement of columns confined with FRP composites       | 20060406 |            | 52/721.3   |
| US 20060004550 A1 | Crush Modelling  | 20060105 |            | 703/1      |
| US 20040227032 A1 | Trapezoidal coil for fiber optic gyroscopes  | 20041118 |            | 242/614    |
| US 20040204903 A1 | Method of manufacturing and analyzing a composite building                         | 20041014 |            | 702/167    |
| US 20040081760 A1 | Segmented thermal barrier coating and method of manufacturing the same             | 20040429 |            | 427/269    |
| US 20040048022 A1 | Wavy composite structures  | 20040311 |            | 428/36.91  |
| US 20040040715 A1 | In situ production of a blending agent from a hydrocarbon containing formation     | 20040304 |            | 166/302    |
| US 20040020642 A1 | In situ recovery from a hydrocarbon containing formation using conductor-in-condu  | 20040205 |            | 166/245    |
| US 20030205378 A1 | In situ recovery from lean and rich zones in a hydrocarbon containing formation    | 20031106 |            | 166/302    |
| US 20030201098 A1 | In situ recovery from a hydrocarbon containing formation using one or more simula  | 20031030 |            | 166/53     |
| US 20030196810 A1 | Treatment of a hydrocarbon containing formation after heating                      | 20031023 |            | 166/300    |
| US 20030196801 A1 | In situ thermal processing of a hydrocarbon containing formation via backproducing | 20031023 |            | 166/263    |
| US 20030196789 A1 | In situ thermal processing of a hydrocarbon containing formation and upgrading of  | 20031023 |            | 166/64     |

|                   |  |          |            |
|-------------------|--|----------|------------|
| US 20030196788 A1 | Producing hydrocarbons and non-hydrocarbon containing materials when treating :    | 20031023 | 166/57     |
| US 20030192693 A1 | In situ thermal processing of a hydrocarbon containing formation to produce heater | 20031016 | 166/267    |
| US 20030192691 A1 | In situ recovery from a hydrocarbon containing formation using barriers            | 20031016 | 166/250.12 |
| US 20030183390 A1 | Methods and systems for heating a hydrocarbon containing formation in situ with a  | 20031002 | 166/302    |
| US 20030178191 A1 | In situ recovery from a kerogen and liquid hydrocarbon containing formation        | 20030925 | 166/65.1   |
| US 20030173085 A1 | Upgrading and mining of coal   | 20030918 | 166/302    |
| US 20030173082 A1 | In situ thermal processing of a heavy oil diatomite formation                      | 20030918 | 166/272.2  |
| US 20030173081 A1 | In situ thermal processing of an oil reservoir formation                           | 20030918 | 166/272.1  |
| US 20030173072 A1 | Forming openings in a hydrocarbon containing formation using magnetic tracking     | 20030918 | 166/66.5   |
| US 20030155111 A1 | In situ thermal processing of a tar sands formation                                | 20030821 | 166/59     |
| US 20030127172 A1 | THERMOPLASTIC REWELDING PROCESS  | 20030710 | 156/64     |
| US 20030006349 A1 | Pressure vessel mounting system  | 20030109 | 248/154    |
| US 20020179760 A1 | Trapezoidal coil for fiber optic gyroscopes  | 20021205 | 242/118.4  |
| US 20020088599 A1 | Ceramic oxide pre-forms, metal matrix composites, and methods for making the sa    | 20020711 | 164/97     |
| US 20020079604 A1 | Ceramic oxide pre-forms, metal matrix composites, and methods for making the sa    | 20020627 | 264/43     |